5/19 DAD-

DART AEROSPACE LTD	Work Order: 230	058
Description: Ø3.250 Support	Part Number: D29	40-1
Dwg: D2940 Rev. A1	Qty: Z0 %	2
	Page	1 of 1

2.06.00

Step	Location	Procedure	Ву	Date	Qty
1	DC 777	Issue Traveller. Blank size makes (2) D2940-1	JU)	05.04.13	10
	2.7	Dwg not required	[X7]	05/04.10	0
2	PG 🖖	Issue P/O: <u>2007889</u>			
		Description: D6104-007			. 3
		Material: 17-4 PH SS (AMS 5643 OR AISI 630) as per Dwg D6104	In.	050413	[0
		Material release note required.	100		
3	RG	Receive and Inspect for raw material dimensions.	44	056:1101	
		Ensure material release note is attached.	<u>La</u>	05/04/21	10
4	MS	Turn blank for Haas as per Folio FA079	JG	05/05/13	10
1		No.	 		
5	QC1	Inspect all dimensions as per Dwg D2940	76	05/05/19	10
	, A.		3/2	7,00,1	
6	WA'	Machine as per Folio FA079	36	05/05/29	10
	ļ		7(7)	03/65/2	10
7	MV	Tumble & Deburr	36	05/05/19	10
		11 II I	71	02/03/21	<i>V</i> -
8	QC1	Inspect all dimensions to inspection sheet as per Dwg D2940	17/20	05/05/28	10.
<u> </u>	000	Lucy at dispositions for accord chock		03/03/24	,,5,0
9	QC8	Inspect dimensions for second check	1/1	X05.3	10-
1000		Day don Cont White (4.2.5.2) per OSI 005.4.3	1	1000	
10	FP	Powder Coat White (4.3.5.2) per QSI 005 4.3	m	05 06 02	10.
44	000	Linewart Pourdor Coot	1117	1	
11	QC3	Inspect Powder Coat	m	05-06-03	20
12	ST	Identify and stock	1	<u> </u>	
12	31	Tueriny and stock	mil	05-06-03	20
13	AC		1		
13	1 10	Cost / part / 49, 46	540	05-06-01	20
14	DC	Close W/O / 46 , 94	11/1		
'-		Inspect Level 21	1981	65,0608	20
L		I Mopost 20.0. I	$\neg \cup$		

- 1	Rev	Date	Change	Revised By	Approved ,
. 1	Α	01.01.08	Preliminary Issue	EC	*
	В	01.08.15	Removed Heat treating	EC	
	С	02.11.26	Reformat; Added P/O	KJ / F F	QQ :3



少芸

F

W/O:		WORK ORDER CHANGES	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date _	Qty	Approval Mfg / Design Mgr	Approval QC Inspector		
	· ·			-					
			·						
	-								

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B		Verification	Approval	Approval	
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Approval Design Mgr	Approval QC Inspector	
65/05/24	6	One PART - wholes of Central (x) by \$ 0.015"			6/15/40	Ban m	95.35,30	rees 30	
				•	7				
				4					

Part No: 2940-1	PAR #:	Fault Category: N	ICR:	Yes No DQA:	Date: 05/06/08
NOTE: Date & initial all entries				QA: N/C Closed:	Date:

DART AEROSPACE LTD	Work Order:	23058
•		w w
Description: Ø3.250 Support	Part Number:	D2940-1
Inspection Dwg: D2940 Rev. A1		Page 1 of 1

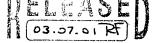
Inspect dimensions highlighted on inspection sheet drawing D2940 Rev. A1/ DSK081 Rev. B & record below:

				Re	corded Act	ual Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
				Lath	e Section				
Α	3.211	3.216		3.216	13.216	3,216	3.216	/	
В	4.946	4.966		4-966	4.965	4.964	4-966		
С	0.718	0.738		0.725	0.724	0.728	0.725		. 1013
D	0.090	0.110		0.110	0-103	0.104	0.105	<u> </u>	
E	3.564	3.584		3-571	3.571	3.574	3-572	l	
F	0.022	0.042		0.032	0.032	0.032	0.032		
G	3.444	3.464		3 452	3.455		3.455	<u> </u>	- 05/05/19
Н	0.112	0.132		0.116	0.120	D.118	PN. 0		·
1	2.170	2.190		2-183	2-184	2.191	3.184		
J	4.451	4.471		4-458	4.45%	14,457	4.458		1
K	0.413	0.433		6.423	0.427	0.425	0.423)	
L	0.913	0.933		0.927	0.925	0.936	0.925		
M									
<u>N</u>	<u></u>				,		204		
				HAAS	S Section				
AA	0.240	0.260		L.25	R.250	R. 250	R.250		
AB	0.490	0.510		R.50	R.50	R.50	250		
AC	0.140	0.160		0.155	6.53	0.155	6. ST.		
AD	3.510	3.530		3,517	3.5082	350	3520		
AE	1.633	1.673		1.663	1.663	1.663	1.660		
AF	1.493	1.513		1,513	1.512	1.215	1.512		
AG ·	0.040	0.060		0.053	0.0000	0.062	0.052		
AH	0.188	0.193	DT8706						
Αl	0.140	0.160		0.156	6.157	0.756	0.152		
AJ	2.518	2.538		2.519	2.578	2579	2.579		
AK	0.040	0.060		0.054	0-054	0.650	2000		
AL	0.010	0.020		0.010	0.616	0.00	0-06		
AM ·	0.140	0.160		0,144	05-144	0.050	0-152,		-
AN	0.350	0.450		0.380	0.380	0.380	0.380	ļ	
AO	0.240	0.260		R.25	R.25	2.25	R.258		
AP	0.150	0.170	<u>'r</u>	0.152	0-150	0.162	0.160	<u> </u>	
AQ	0.053	0.073		2.063	0-063	0.063	9663		
<u>-AR</u> -	101.64	105.64	DT8698	No	large 1	o meas	4ne	-	
AS	0.257	0.262	DT8683			1			
AT	0.053	0.073		R.063	R.063	R.063	R.063	 	· · · · · · · · · · · · · · · · · · ·
AU	4.118	4.138		4.135	4./35	4.135	4.135	ļ	
AV				_					
AW									
	Acc	ept/Rejec	ct		1	1	<u> </u>		

		, _		
Measured by:	5.6	1 as	Audited by	
Date:	05/05/19/	ostor 124	Date:	1 100 05.19

Rev	Date	Change	•	Revised by	Approved
Α	02.12.12	New Issue		KJ/RF	9





DART AEROSPACE LTD	Work Order:	23058
Description: Ø3.250 Support	Part Number:	D2940-1
/		٠,
Inspection Dwg: D2940 Rev. A1		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2940 Rev. A1/ DSK081 Rev. B.& record below:

			gnied on inspe	T	corded Actu				
Dim	Min	Max	Go/No Go Gauge	1/5	26	87	Ag	Ву	Date
					e Section	_			
A	3.211	3.216		3.216	3.215	3.215	4,965	\	
В	4.946	4.966		4.064	4.966	0.723	4.965	1	
С	0.718	0.738		0.728	0.726	0.723	0.724		
D	0.090	0.110		0.003	0.104	0-109	3.768	↓	
E	3.564	3.584		3.571	1 3 カ / 漫	3.571	3.768	/	
F	0.022	0.042	:	0.032	0,032	0.032	0.032	156	05/05/19
G	3.444	3.464		3.451	3.455	3.450	3 -456	(
Н	0.112	0.132		0.118	9.121	0.118	0.117	\	
1	2.170	2.190		4-184	9.184	0.118 2.18 6 4.456	2-183	1	
J	4.451	4.471		4.457	4-457	4-456	4.45/	1	ļ
K	0.413	0.433		0.436	100	0,10,	U + QE		
L	0.913	0.933		0.929	6.930	0.929	0.990		
M						!			ļ
N	<u> </u>								L
	•			HAAS	S Section				·,
AA	0.240	0.260	:	0.256	0.250	0.250	e. 522)		
AB	0.490	0.510		050	0-50	0.50	6.52)		
AC	0.140	0.160		0.157	0.157	0.15.8	0,55		
AD	3.510	3.530		3521	350	3,570	3.520		<u> </u>
AE	1.633	1.673		1.653	1.656	1.661	1.660		
AF	1.493	1.513		1.508	1.499	1.506	1.505		
AG	0.040	0.060		6.654	0.049	0.043	0.645		
AH	0.188	0.193	DT8706						
Al	0.140	0.160		N 157	0-149	C 149	0.150		
AJ	2.518	2.538		2528	2.528	2.528	2.8.28		
AK	0.040	0.060		0.044	0.015	0,045	0043		
AL	0.010	0.020		0000	0,00	co. 0/0	0.00		
AM	0.140	0.160		0.154	0.150	6/53	0.50		
AN ·	0.350	0.450		0386	0.380	C&€. &	0.380		
AO	0.240	0.260		6.250	0.250	0.520	0.520	<u> </u>	
AP	0.150	0.170		0.156	0.157	0.154	0/3	3	
AQ	0.053	0.073		0.063	o. <i>06</i> 3	0.063	0-063		
AR	101.64	105.64	DT8698	NO	crange	to me	ASCICI	-	ļ
AS	0.257	0.262	DT8683		<u> </u>				
AT	0.053	0.073		D.063	0.063	0.663	0.063		ļ
AU	4.118	4.138		4.120	41128	4.130	9.131		· · · · · · · · · · · · · · · · · · ·
AV									
AW									
	Acc	ept/Reje	ct			·		1	

				//
Measured by: 3 G /	180	Audited by	MM	
Date: 05/05/19	05/05/25	Date:		55.1
		<u> </u>		

Rev	Date	Change	Revised by	Approved
А	02.12.12	New Issue	KJ/RF	

DART AEROSPACE LTD	Work Order:	23058	
Description: Ø3.250 Support	Part Number:	D2940-1	
		. 3	
Inspection Dwg: D2940 Rev. A1		Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2940 Rev. A1/ DSK081 Rev. B & record below:

				Re	corded Actu	ıal Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	19	Ko	3	4	Ву	Date
				Lath	e Section		,		
- A	3.211	3.216		3.215	3.216		. ,	\	
В	4.946	4.966		4.966	4.957	I V	,		
С	0.718	0.738		0.728	0.727				
D	0.090	0.110	,	0.104	0.110	1 / 1			
E	3.564	3.584		3-575	3 -574				
F	0.022	0.042		0.033	0.032	(7	3.G	05/05/19
G	3.444	3.464		3-456	3.455		/		
Н	0.112	0.132		0.117	0.118	<u> </u>			
1	2.170	2.190		7.181	3-189				
J	4.451	4.471		4.457	4-458				
K	0.413	0.433		0.423	6,423				
L	0.913	0.933		0.924	0 925				
M					1				
N				ξ.	-				
• .	e rund			HAAS	S Section			:	
AA	0.240	0.260		0.256	0.250	0.250	5250	T	}
AB	0.490	0.510	,	0-50	0.50	62.0	520		
AC	0.140	0.160		0-155		- 0 0 KD			
AD	3.510	3.530		3.527	3.529	3,500	3528		
AE	1.633	1.673		1.664	1.664	1.669	1.662		
AF	1.493	1.513		1.501	1.506	1.501	1.507		
AG	0.040	0.060		0045	6.650	0.049	0.045		
AH	0.188	0.193	DT8706			-	-		
Al	0.140	0.160		0.150	6.151	0.192	0.149		
AJ	2.518	2.538		2.524	2.500	2.527	2-529		
AK	0.040	0.060		0.049	0.04	0.049	0.049		
AL	0.010	0.020		0.010	00/0	0010	0016		
AM	0.140	0.160		0.150	6.148	6.151	0.152		
AN	0.350	0.450		0. 400	0.400	6.380	0.3900		
AO	0.240	0.260	•	0.250	0.250	0.250	6.250		
AP	0.150	0.170		0.157	0163	8.062	0.163		
AQ	0.053	0.073		0.663	0.063	2000	0.063		
AR	101.64	105.64	DT8698	No o	I .	to rea	1		
AS	0.257	0.262	DT8683						
AT	0.053	0.073		0.063	0.063	8000	0.063		
ΑÜ	4.118	4.138		4.135	4.135				
AV						,			
AW							,		
	\ Acc	ept/Reje	ct	Š.				1	

ğ.	
Measured by: 3:6	Audited by &
Date: 05/05/\9 /	Date: 01/05/29

Rev	Date	Change	÷ 65	Revised by Approved
Α	02.12.12	New Issue	54.45 " # 2	KJ/RF F

Job Costing Report

	J 1	
Dart Aerospace Ltd.		Apr 12, 2005
Hawkesbury		02:25 pm

Work Order No : 0023058 Department Code:

Project Name : D2940-1
Project For : WK519
Work Order Type : Main
Main WO Number : Burden Flags : NNNNNNN WO Status : Open

Invoice State : Not Invoiced

Invoice Date : House Part Number : D2940-1 Invoice Number : Description : Support

Invoice Amount: 0.00 Manufactured : Yes

Amount Req'd: 10
Amount Done: 0
Start Date: 04-12-05 Order Entry No :

OE Value : 0.00 Est Finish Date : 05-05-05

Act Finish Date : Drawings Reqd : No Est Mark Up : 0.000% Actual Mark Up : 0.000%

Ok for Approval :

Approval Rec'd : \$0 Posted to Finished Goods

		Estimated	Actual	Var. %	Posted	To Post
=======================================	==		=======================================		=========	=======================================
Material Cost	:	0.00	0.00	0.00	0.00	0.00
Engineering Hours	:	0.00	0.00	0.00		
Engineering Cost	:	0.00	0.00	0.00	0.00	0.00
Production Hours	:	0.00	0.00	0.00		
Production Cost	:	0.00	0.00	0.00	0.00	0.00
Packaging Hours	:	0.00	0.00	0.00		
Packaging Cost	:	0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	0.00	0.00	0.00		
OverHead Cost	:	0.00	0.00	0.00	0.00	0.00
CNC Hours	:	0.00	0.00	0.00		
CNC	:	0.00	0.00	0.00	0.00	0.00
Misc. Hours	:	0.00	0.00	0.00		
Misc.	:	0.00	0.00	0.00	0.00	0.00
		=========	========	======		
Burden	:	0.00	0.00	0.00		
		=======		======		
Total Cost	:	0.00	0.00	0.00		
Mark up	:	0.000	0.000			
Selling Cost	:	0.00	0.00			

		Estimated	Actual
Labour Hrs/Amount Done	:	0.00	0.00
Profits/(Loss)	:	0.00	0.00



FILE NO:

GLORIA MATERIAL TECHNOLOGY CORP.

台南縣新營市新中路35號1樓 1FL ,NO.35, HSIN CHUNG RD , HSIN YING,

TAINAN, TAIWAN, ROC

(06) 6520000 TEL: (06) 6520088 FAX:

INSPECTION

CERTIFICATE

PROGRESSIVE ALLOY STEEL UNLIMITED L.L.C. Messrs:

Grade: 17-4PH Order No: 2004003262

4-1/2" Size: Weight: 1026.0KG P.O.NO.: 3370 11/30/2004 Date:

3

P'cs:

MEAT-Lot No: \$2301-40 Condition: HF-Solution Annealed-Peeled

2004004782-A

Nb+Ta Cu (wt%) Chemical Composition CrNi S 3.00 0.15 Mn Si 15.00 C3.00 - 17-47 0.015 5.00 0.50 17.50 5.00 0.030 3.25 Min. 0.040 1.00 1.00 15.79 0.130.07 4.48 Max 0.023 0.021 0.64 0.36 Result 0.03

δ-Ferrite H900-Hardness(Avg) Mechanical Properties Spec. Grain Size 40HRC Hardness (1/2R) 47HRC Spec.Min. 5% 45.1HRC 363HB 0.64% Spec. Max. 7.5 333HB Result

Yield Strength (Rp) Reduction of Area(Tensile Test Elongation(A) Tensile Strength(Rm) KSI KSI 40 % 170 Unit 190 10 Min. 53 184 Max. 210 20 Result

Non-Metallic Inclusions : (AMS 2303C)

Severity Frequency

0.40.35 Max. 0 Regult 0

Sp. cification:

1 ASTM A484M-03a, A564M-04, A370-03a. 2 ASME SA484 (1998), SA564 (1998).

3.aMS 5643Q, 2303C(Magnetic Particle Test).

4.EN 10204/3.1.B.

5.UNS S17400.

6.SAE AMS-H-6875.

Remark:



Hsin-Jung Huang SECTION

Our quality and environment management system have been certified by 1809001 QMS and 14001EMS.
We hereby certify that the material described herein has been manufactured and tested with satisfactory result in accordance with the requirement of the hereby certify that the material described herein has been manufactured and tested with satisfactory result in accordance with the requirement of the hereby certification. We hereby inspection Certificate comply with BN10204 3.1.B.



GLORIA MATERIAL TECHNOLOGY CORP.

台南縣新營市新中路35號1樓

1FL., NO 35, HSIN CHUNG RD , HSIN YING,

TAINAN, TAIWAN, ROC

INSPECTION

CERTIFICATE

TEL:

(06)6520000

(06) 6520088 FAX:

Messrs:

PROGRESSIVE ALLOY STEEL UNLIMITED L.L.C.

4-1/2" Size:

Date:

11/30/2004

, ILE NO:

2004004782-A

P.O.NO.: 3370

3

Order No: 2004003262

Grade: 17-4PH

P'cs:

WEAT-Lot No: S2301-40

Weight: 1026.0KG

Condition: HF-Solution Annealed-Peeled

1. MANUFACTURING PROCESS: EAF+LHF+VOD, FORGED OR HOT ROLLED.
2. SOLUTION TREATMENT: 1900F FOR 30 MIN/INCH PLUS ONE ADDITIONAL HOUR (MIN1MUM ONE HOUR), RAPIDLY COOLED TO BELOW

90F. 3. MATERIAL IS FREE FROM KNOWN CONTACT WITH MERCURY AND RAIUM.

4. MATERIAL IS FREE FROM WELDS OR WELD REPAIRS.

5. ULTRASONIC TEST: OK.

6.MACRO/MICRO OK.

7. MECHANICAL PROPERTIES TESTED AS PER H900 CONDITION.

8. REDUCTION RATION 4:1 MIN

9. FURNACES CALIBRATED TO MIL-H-6875.

Hsin-Jung Huang

Our quality and environment management system have been certified by ISO9001 QMS and 14001EMS.
We hereby certify that the material described herein has been manufactured and tested with satisfactory result in accordance with above material specification We hereby inspection Certificate comply with EN10204 3.1 B.

